

Call for Participants

Error detection: A comparison between Rainbow rays and current methods

Researchers at the University of Derby were recently awarded INNOVATE UK funding to investigate the use of colour coded anaesthetic syringe trays to reduce medication errors. The funding is in collaboration with a company called UVAMED. UVAMED have introduced a medication management system (so called 'Rainbow Trays' - see below), which they suggest has the potential to assist NHS-UK with best practice for transportation and storage of anaesthetic drugs. The University's role on the project is specifically concerned with conducting a detailed implementation trial to evaluate the efficacy of Rainbow-Trays to reduce medication errors.



We are now in the second phase of this research, where we wish to explore the potential efficacy of Rainbow Trays in error reduction. For this, we would like to recruit anaesthetists, OPDs, trainee anaesthetists and those retired from the profession to explore error detection in current working practices of anaesthetists compared to the Rainbow Trays. We would also like to explore the usability of the trays by alter the cognitive load present at the time of error detection. The experiment will be conducted online and free to complete at any time.

Link: https://derby.qualtrics.com/jfe/form/SV_5pfLgxuegxGKcAe

If you are interested in participating in this research phase (or in future phases of our evaluation) please contact the research team at v.laxton@derby.ac.uk. You can also register your interest at [RainbowTraysResearch](#).



@Rainbow_Trays